



6SS7

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**TRIPLE-GRID SUPER-CONTROL AMPLIFIER**

SINGLE-ENDED METAL TYPE

Heater	Coated Unipotential Cathode		
Voltage	6.3	a-c or d-c volts	
Current	0.15	amp.	
Direct Interelectrode Capacitances: ^o			
Grid to Plate		0.004 max.	μuf
Input		5.5	μuf
Output		7.0	μuf
Maximum Overall Length		2-5/8"	
Maximum Seated Height		2-1/16"	
Maximum Diameter		1-5/16"	
Bulb		Metal Shell, MT-8	
Base		Small Wafer Octal, 8-Pin	
Pin 1 - Shell		Pin 5 - Cathode	
Pin 2 - Heater		Pin 6 - Screen	
Pin 3 - Suppressor		Pin 7 - Heater	
Pin 4 - Grid		Pin 8 - Plate	
Mounting Position		Any	



BOTTOM VIEW (8N)

AMPLIFIER

Plate Voltage	300 max.	volts
Screen Voltage	100 max.	volts
Screen Supply Voltage	300 max.	volts
Grid Voltage	0 min.	volts
Plate Dissipation	2.25 max.	watts
Screen Dissipation	0.35 max.	watt
<i>Typical Operation and Characteristics - Class A₁ Amplifier:</i>		
Plate Voltage	100	250 volts
Screen Voltage	100	100 volts
Grid Voltage	-1	-3 volts
Suppressor	Connected to cathode at socket	
Plate Res.	0.12	1.0 approx. megohm
Transcond.	1930	1850 μmhos
Grid Bias for Transcond.		
of 10 μmhos (approx.)	-35	-35 volts
Plate Cur.	12.2	9 ma.
Screen Cur.	3.1	2 ma.

- In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
- ° With shell connected to cathode.

May 1, 1941

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

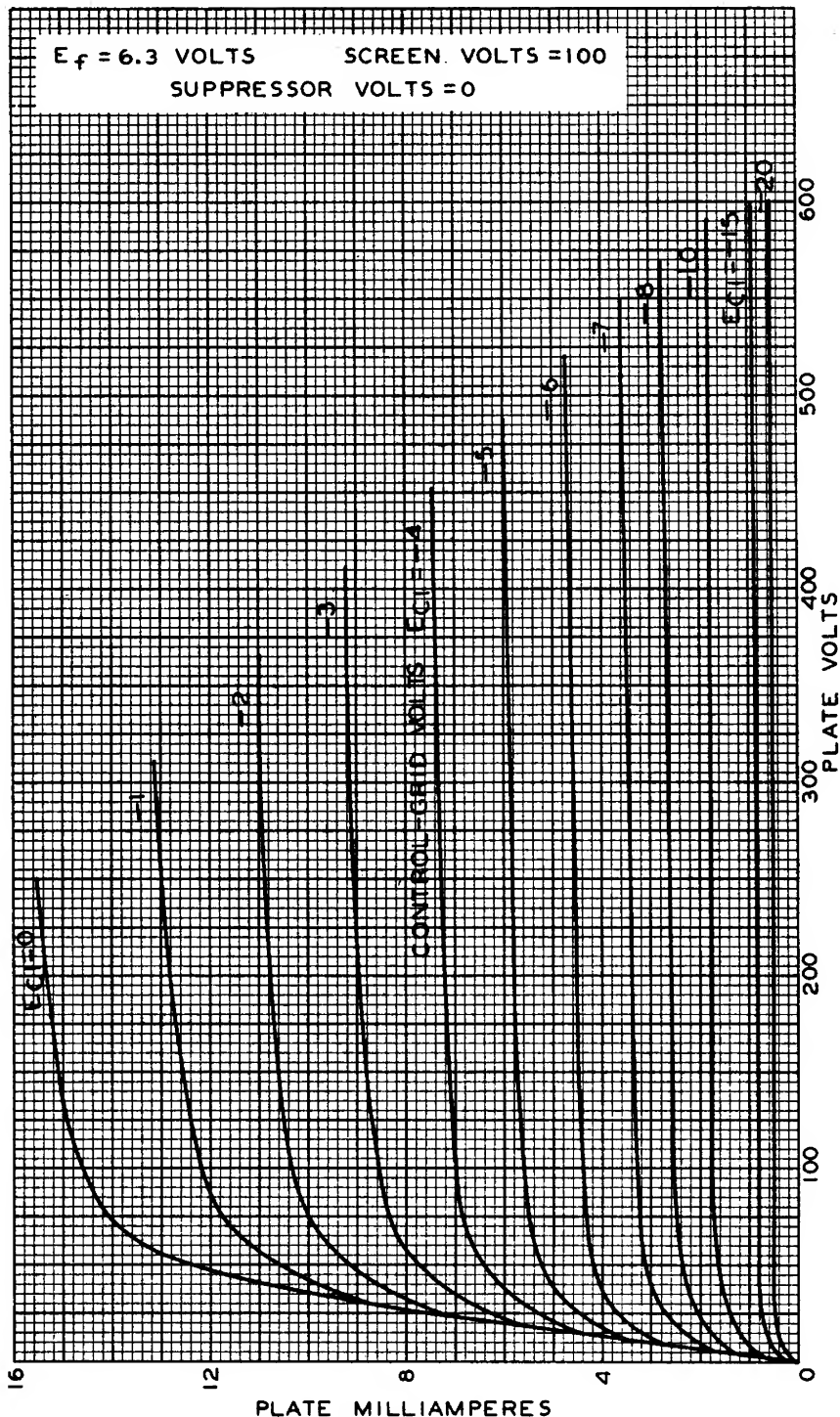
TENTATIVE DATA

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AVERAGE PLATE CHARACTERISTICS



APR. 3, 1941

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